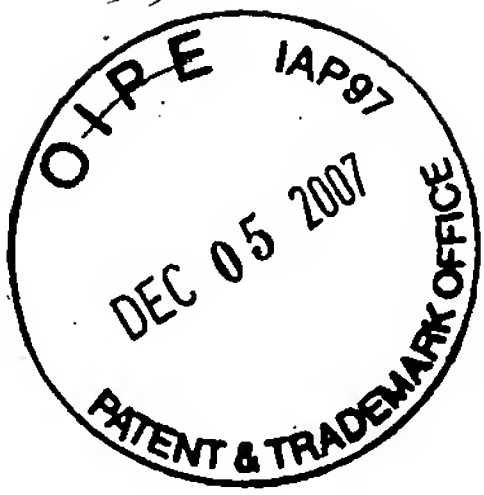


1AP16 Rec'd PCT/73 05 DEC 2007



MAIL STOP MISSING PARTS  
PATENT  
Docket No. 10400-000299/US

**IN THE U.S. PATENT AND TRADEMARK OFFICE**

Applicant:	Outi AHO et al.	Conf.:	3544
Appl. No.:	10/551,936	Group:	Unknown
Filed:	October 1, 2005	Examiner:	Unknown
For:	PAPER- OR CARDBOARD-BASED SECURITY PRODUCT		

**RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE**

**MAIL STOP PCT**

Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

December 5, 2007

Sir:

The application papers for the above-identified application were originally filed on October 1, 2005 and the application was assigned Appl. No. 10/551,936.

**DOCUMENTATION**

- ☐ Attached are 0 sheet(s) of formal drawings. Please substitute these corrected drawings for the corresponding 0 sheets of drawings on file in the above-identified application.
- ☒ Attached is a copy of the Notice to File Corrected Application Papers.
- ☒ Attached is a copy of the Bibliographic Data sheet listing all inventors named in the PCT application PCT/FI04/000202. This applicants named on the PCT application match the applicants named in the Declaration and Power of Attorney submitted previously on May 4, 2007.

- ☒ Attached is a copy of the Response to Notice to File Missing Requirements including the executed Declaration and Power of Attorney executed by all inventors and filed on May 4, 2007.

**FEES**

- ☐ Applicant hereby respectfully petitions for a ( ) month(s) extension of time for the filing of the present paper in accordance with the provisions of 37 C.F.R. § 1.136 and 37 C.F.R. § 1.17. The required fee of \$0.00 is attached hereto.
- ☐ A check in the amount of \$0.00 to cover the any extension of time fees (if applicable) is enclosed.
- ☐ Please charge Deposit Account No. 08-0750 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.
- ☒ No fee is required.

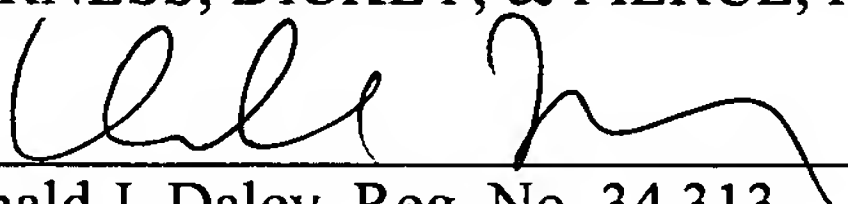
Applicants further request that the United States Patent and Trademark Office recognize Harness, Dickey and Pierce as the attorneys of record as previously requested on August 7, 2007 (copy of the letter requesting recognition is enclosed).

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY, & PIERCE, P.L.C.

By

  
Donald J. Daley, Reg. No. 34,313  
P.O. Box 8910  
Reston, Virginia 20195  
(703) 668-8000

DJD/amp

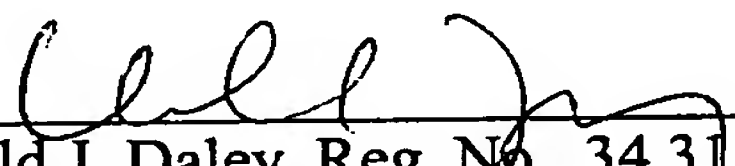
The Government Filing Surcharge in the amount of \$130.00 in accordance with 37 C.F.R. §§ 1.494 and 1.492 is attached and was not previously paid for concurrently with the filing of the application on October 1, 2005.

- ☒ Submitted concurrently herewith under separate cover for recording is an Assignment.
- ☐ A Fee of \$0.00 to cover the increase in fees of the filing Surcharge is enclosed.
- ☒ Check(s) in the amount of \$1720.00 to cover the above-mentioned fees is/are enclosed.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C.

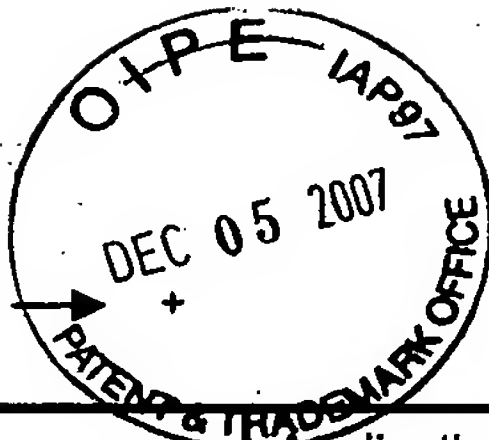
By   
Donald J. Daley, Reg. No. 34,313  
P.O. Box 8910  
Reston, VA 20195  
(703) 668-8000

DJD:amp

Attachments

(Rev. 01/13/05)

Please type a plus sign (+) inside this box



HDP/SB/21 based on PTO/SB/21 (08-00)

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/551,936
Filing Date	October 1, 2005
Inventor(s)	Outi AHO et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	10400-000299/US

## ENCLOSURES (check all that apply)

☒ Fee Transmittal Form

☒ Fee Attached

☐ Amendment

☐ After Final

☐ Affidavits/declaration(s)

☒ Extension of Time Request

☐ Express Abandonment Request

☐ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☒ Response to Missing Parts/  
Incomplete Application

☐ Response to Missing  
Parts under 37 CFR  
1.52 or 1.53

☐ Assignment Papers  
(for an Application)

☐ Letter to the Official Draftsperson and  
\_\_\_\_ Sheets of Formal Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a  
Provisional Application

☒ Power of Attorney, Revocation  
Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s) \_\_\_\_

☐ After Allowance Communication to  
Group

☐ LETTER SUBMITTING APPEAL  
BRIEF AND APPEAL BRIEF (w/clean  
version of pending claims)

☐ Appeal Communication to Group  
(Notice of Appeal, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s)  
(please identify below):

**Copy of Notification of Missing  
Requirements**

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm  
or  
Individual name

Harness, Dickey & Pierce, P.L.C.

Attorney Name  
Donald J. Daley

Reg. No.  
34,313

Signature

Date

May 4, 2007

# FEE TRANSMITTAL for FY 2007

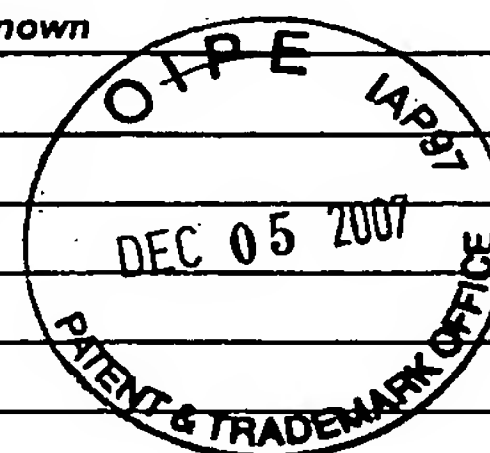
Effective 2/8/2006. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1720

Complete if Known

Application Number 10/551,936  
Filing Date October 1, 2005  
First Named Inventor Outi AHO et al.  
Examiner Name Unknown  
Art Unit Unknown  
Attorney Docket No. 10400-000299/US



## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 08-0750

Deposit Account Name Harness, Dickey & Pierce, PLC

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1011	300	2011	150	Utility filing fee	
1012	200	2012	100	Design filing fee	
1013	200	2013	100	Plant filing fee	
1014	300	2014	150	Reissue filing fee	
1005	200	2005	100	Provisional filing fee	

SUBTOTAL (1) (\$0)

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		-20 **	=	0	X		=	0
Independent Claims		-3 **	=	0	X		=	0
Multiple Dependent			=				=	0

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	50	2202	25	Claims in excess of 20	
1201	200	2201	100	Independent claims in excess of 3	
1203	360	2203	180	Multiple dependent claim, if not paid	
1204	200	2204	100	** Reissue independent claims over original patent	
1205	50	2205	25	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$0)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	130
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	1590
1255	2,160	2255	1080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1000	2403	500	Request for oral hearing	
1452	500	2452	250	Petition to revive - unavoidable	
1453	1500	2453	750	Petition to revive - unintentional	
1462	400	1462	400	Petition fee under 37 CFR 1.17(f)	
1463	200	1463	200	Petition fee under 37 CFR 1.17(g)	
1464	130	1464	130	Petition fee under 37 CFR 1.17(h)	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	

Other fee (specify) \_\_\_\_\_

Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$1720)

### 4. SEARCH/EXAMINATION FEES

1111	500	2111	250	Utility Search Fee	
1112	100	2112	50	Design Search Fee	
1113	300	2113	150	Plant Search Fee	
1114	500	2114	250	Reissue Search Fee	
1311	200	2311	100	Utility Examination Fee	
1312	130	2312	65	Design Examination Fee	
1313	160	2313	80	Plant Examination Fee	
1314	600	2314	300	Reissue Examination Fee	

SUBTOTAL (4) (\$0)

## SUBMITTED BY

Name (Print/Type)

Donald J. Daley

Registration No.  
(Attorney/Agent)

34,313

Telephone

703-668-8000

Signature

Date

May 4, 2007

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.



Mail Stop PCT  
PATENT  
10400-000299/US

IN THE U.S. PATENT AND TRADEMARK OFFICE

APPLICATION NO.: 10/551,936  
APPLICANT: Outi AHO et al.  
INTERNATIONAL APPL. NO.: PCT/FI04/00202  
CONF.: 3544  
FILED: October 1, 2005  
FOR: PAPER-OR CARDBOARD- BASED  
SECURITY PRODUCTS

**RESPONSE TO NOTICE TO FILE MISSING  
REQUIREMENTS OF AN APPLICATION**

Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314  
Mail Stop **PCT**

May 4, 2007

Sir:

Under the provisions of 37 C.F.R. § 1.494 or 37 C.F.R. § 1.495, attached hereto are the following additional items necessary for entering the national phase in connection with the above-identified PCT international application.

☒ Executed Declaration and Power of Attorney.

☐ Original

☒ Photocopy

☐ The specification attached to the executed Declaration and Power of Attorney is a true copy of the specification which was filed in the U.S. Patent and Trademark Office on , including any amendments thereto (if applicable) filed on even date therewith.

☒ The undersigned hereby declares that Attorney Docket No. 10400-000299/US



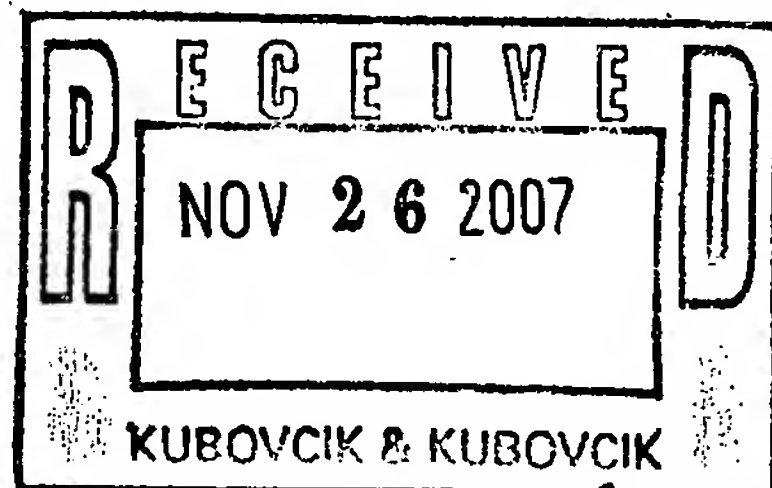


UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/551,936	Lars Gadda	LAIN-101

20374  
KUBOVCIK & KUBOVCIK  
SUITE 710  
900 17TH STREET NW  
WASHINGTON, DC 20006



INTERNATIONAL APPLICATION NO.	
PCT/FI04/00202	
I.A. FILING DATE	PRIORITY DATE
10/01/2004	04/01/2003

CONFIRMATION NO. 3544  
371 FORMALITIES LETTER



Date Mailed: 11/23/2007

**NOTIFICATION OF DEFECTIVE RESPONSE**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated Office (37 CFR 1.494):

- Priority Document
- Copy of the International Application filed on 10/03/2005
- Copy of the International Search Report filed on 10/03/2005
- Preliminary Amendments filed on 10/03/2005
- Information Disclosure Statements filed on 10/03/2005
- Oath or Declaration filed on 05/04/2007
- U.S. Basic National Fees filed on 10/03/2005
- Priority Documents filed on 10/03/2005

NOV 30 2007

Applicant's response filed 05/04/2007 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 11/06/2006 have not been completed.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - SOME OF THE INVENTOR'S NAMES ON THE DECLARATION DOES NOT MATCH THE NAMES ON THE INTERNATIONAL APPLICATION

**Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).**

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

CHRISTINE S WASHINGTON

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Telephone: (703) 308-9140 EXT 228